

**What is claimed is:**

1. An inclined illuminator type binocular medical stereomicroscope comprising:

right and left observation optical systems, each having a plurality of lenses for observing an observation target; and

an illumination optical system having an illumination unit for illuminating an object targeted for observation;

wherein the illumination unit has an optical axis arranged inside a circle, the circle having a diameter connecting the optical axes of the right and left observation optical systems in a plane including at least the lenses of the right and left observation optical systems positioned closest to the observation target.

2. The inclined illuminator type medical binocular stereomicroscope according to claim 1, wherein a magnification-changing form of the observation optical system is a zooming type for moving a portion of the lenses in a direction of the optical axis.

3. The inclined illuminator type medical binocular stereomicroscope according to claim 1, wherein the illumination unit has a light guide made of bundled optical fibers to emit light from an external light source.